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OM protein - protein search, using sw model

Run on: March 1, 2001, 15:49:44 ; Search time 140.11 seconds
 (without alignments)
 5.511 Million cell updates/sec

Title: US-09-331-631A-5-COPY_33_75
 Perfect score: 248
 Sequence: 1 NOEPOTEQCQCQRCRQE.....RQQYCORRKEICEEEEEEY 43
 scoring table: BL05U662
 Gapext 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Issue-Patents AA:*

1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*

2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/1aa/6_COMB.pep:*

4: /cgn2_6/ptodata/2/1aa/FC01US_COMB.pep:*

5: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Length	DB ID	Description
1	110	44.4	566	1 US-07-955-905A-2	Sequence 2, Appli
2	110	44.4	566	1 US-07-955-905A-22	Sequence 22, Appli
3	101	40.7	587	1 US-07-955-905A-23	Sequence 23, Appli
4	65.5	26.4	34	1 US-08-822-561-1	Sequence 1, Appli
5	63.5	25.6	301	2 US-08-656-906-25	Sequence 25, Appli
6	62	25.0	1162	2 US-08-728-323A-2	Sequence 2, Appli
7	61.5	24.8	215	4 PCT-US93-05000-33	Sequence 33, Appli
8	61	24.6	223	3 US-09-066-408-11	Sequence 11, Appli
9	58	23.6	514	2 US-08-960-02-14	Sequence 14, Appli
10	58	23.4	223	3 US-08-066-408-7	Sequence 7, Appli
11	58	23.4	223	3 US-09-066-408-8	Sequence 8, Appli
12	58	23.4	223	3 US-09-066-408-9	Sequence 9, Appli
13	57.5	23.2	605	1 US-07-955-905A-24	Sequence 24, Appli
14	57	23.0	303	1 US-08-109-391A-2	Sequence 2, Appli
15	57	23.0	303	1 US-08-459-019A-2	Sequence 2, Appli
16	57	23.0	303	2 US-08-460-428A-2	Sequence 2, Appli
17	57	23.0	303	3 US-08-458-860A-2	Sequence 2, Appli
18	57	23.0	303	3 US-08-056-200-94	Sequence 2, Appli
19	57	23.0	1898	2 US-08-800-644-44	Sequence 94, Appli
20	55.5	22.4	161	2 US-08-465-380-65	Sequence 65, Appli
21	55.5	22.4	161	2 US-08-486-397-65	Sequence 65, Appli
22	55.5	22.4	161	2 US-08-486-399-65	Sequence 65, Appli
23	55.5	22.4	161	2 US-08-461-965-65	Sequence 65, Appli
24	55.5	22.4	161	2 US-08-634-641-65	Sequence 65, Appli
25	55.5	22.4	161	3 US-03-249-471-65	Sequence 65, Appli
26	55.5	22.4	161	3 US-09-249-472-65	Sequence 65, Appli
27	55.5	22.4	161	3 US-09-249-451-65	Sequence 65, Appli
28	55.5	22.4	161	3 US-08-809-455-65	Sequence 65, Appli

ALIGNMENTS

RESULT 1
 US-07-955-905A-2
 ; Sequence 2, Application US/07955905A
 ; Patent No. 57/0433

GENERAL INFORMATION:

APPLICANT: RECOMBINANT 47 AND 311 KD COCOA PROTEINS AND
 TITLE OF INVENTION: PRECURSOR
 NUMBER OF SEQUENCES: 28

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-07/955, 905A
 FILING DATE: 21-JAN-1993
 CLASSIFICATION: 435

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 566 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

QUEUE Match Best Local Similarity Score 110; DB 1; Length 566; Matches 19; Conservative 10; Mismatches 11; Indels 0; Gaps 0;

QY 2 QEDPOTECQCQCQRCRQEESDPQQYCORRKEICEEEEEEY 41
 Db 78 EEEELQQYQQCQGRCQQQQQREQQQCQRCRQEQQKEQE 117

RESULT 2
 US-07-955-905A-22
 ; Sequence 22, Application US/07955905A
 ; Patent No. 57/0433

GENERAL INFORMATION:

APPLICANT: RECOMBINANT 47 AND 311 KD COCOA PROTEINS AND
 TITLE OF INVENTION: RECOMBINANT 47 AND 311 KD COCOA PROTEINS AND
 NUMBER OF INVENTIONS: 1
 NUMBER OF SEQUENCES: 28

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/955,905A
 FILING DATE: 21-JAN-1993
 CLASSIFICATION: 435
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 566 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ORIGINAL SOURCE: Theobroma cacao
 FEATURE:
 NAME/KEY: Protein
 LOCATION: 1..566
 OTHER INFORMATION: /note= "67 kd precursor Protein"
 RESULT 3
 US-07-955-905A-23
 Sequence 23, Application US/07/955,905A
 Best Local Similarity 47.5%; Pred. No. 0.00018; Mismatches 11; Indels 0; Gaps 0;
 Matches 19; Conservative 10;
 GENERAL INFORMATION:
 APPLICANT: Patent No. 5770433
 PATENT NO.: 5770433
 TITLE OF INVENTION: RECOMBINANT 47 AND 31 kd COCOA PROTEINS AND
 NUMBER OF SEQUENCES: 28
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 COMPUTER SYSTEM: PC-DOS/MS-DOS
 COMPUTER READABLE FORM:
 COMPUTER TYPE: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US 08/442,910
 FILING DATE: 17-MAY-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Yates, Michael J.
 REGISTRATION NUMBER: 36,063
 REFERENCE/DOCKET NUMBER: 0124C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (515) 248-4800
 TELEFAX: (515) 248-4844
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 34 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-822-561-1
 RESULT 5
 US-08-656-906-25
 Query Match 26.4%; Score 65.5; DB 2; Length 34;
 Best Local Similarity 45.0%; Pred. No. 0.0016; Mismatches 6; Indels 1; Gaps 1;
 Matches 11; Conservative 7;
 GENERAL INFORMATION:
 APPLICANT: Patent No. 5972901
 PATENT NO.: 5972901
 TITLE OF INVENTION: ANTIMICROBIAL PEPTIDES AND PLANT DISEASE
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:
 ADDRESS: Medlen & Carroll
 STREET: 220 Montgomery Street, Suite 2200
 CITY: San Francisco
 STATE: California
 COUNTRY: United States of America
 ZIP: 94104
 COMPUTER READABLE FORM:
 RESULT 4
 US-08-822-561-1
 Sequence 1, Application US/08/822,561
 Patent No. 5905187
 APPLICANT: Duvick, John P.
 APPLICANT: Rood, Tracy A.
 APPLICANT: Rao, Arguila G.
 APPLICANT: Ferkol Jr., Thomas W.
 APPLICANT: Davis, Pamela B.
 APPLICANT: Ziady, Assem-Gaial
 TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
 TITLE OF INVENTION: Mediated Gene Transfer
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:
 ADDRESS: Medlen & Carroll
 STREET: 220 Montgomery Street, Suite 2200
 CITY: San Francisco
 STATE: California
 COUNTRY: United States of America
 ZIP: 94104
 COMPUTER READABLE FORM:
 RESULT 4
 US-08-822-561-1
 Sequence 1, Application US/08/822,561
 Patent No. 5905187
 APPLICANT: Duvick, John P.
 APPLICANT: Rood, Tracy A.
 APPLICANT: Rao, Arguila G.
 APPLICANT: Ferkol Jr., Thomas W.
 APPLICANT: Davis, Pamela B.
 APPLICANT: Ziady, Assem-Gaial
 TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
 TITLE OF INVENTION: Mediated Gene Transfer
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:
 ADDRESS: Medlen & Carroll
 STREET: 220 Montgomery Street, Suite 2200
 CITY: San Francisco
 STATE: California
 COUNTRY: United States of America
 ZIP: 94104
 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/656, 906
 FILING DATE: 03-JUN-1996
 CLASSIFICATION: 514
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/
 FILING DATE: 03-JUN-1996
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: WO WO 95/25809
 FILING DATE: 23-MAR-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/216, 534
 FILING DATE: 23-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Ingolia, Diane E.
 REFERENCE/DOCKET NUMBER: 40, 027
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 705-8410
 TELEFAX: (415) 397-8338
 INFORMATION FOR SEQ ID NO: 25:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 301 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-656-906-25

Query Match 25.6%; Score 63.5; DB 2; Length 301;
 Best Local Similarity 28.9%; Pred. No. 6.2;
 Matches 11; Conservative 11; Mismatches 11; Indels 5; Gaps 1;

Qy 6 OTECQOCORRCRQESDPROOYCQRCRKEICEEEEEE 43
 Db 2 QEDPOTECQOCORRCRQESDPROOYCQRCRKEICEEEEEE 42
 262 RSRCCRRCRRCR---RRRRCRRRRRRCCRRRSY 294

RESULT 6
 US-08-728-323A-2

Sequence 2, Application US/08/728323A
 Patent No. 5,945676

GENERAL INFORMATION:
 APPLICANT: MITOTIX
 TITLE OF INVENTION: D-TYPE Cyclin and Uses Related Thereto
 NUMBER OF SEQUENCES: 42
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: Massachusetts
 COUNTRY: US
 ZIP: 02173

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/05000
 FILING DATE: 19930525

CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/07/888, 178
 FILING DATE: 26-MAY-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Granahan, Patricia

REGISTRATION NUMBER: 32, 227
 REFERENCE/DOCKET NUMBER: CSB#11-02A

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-861-6240
 TELEFAX: 616-861-9540

INFORMATION FOR SEQ ID NO: 33:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 215 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 PCT-US93/05000-33

Query Match 24.8%; Score 61.5; DB 4; Length 215;
 Best Local Similarity 27.0%; Pred. No. 7.3;
 Matches 17; Conservative 8; Mismatches 15; Indels 23; Gaps 3;

Qy 4 DPQT-----ECOCOR-RCRQESDPROQ-----QYCORRCKEICEEE 40
 Db 26 DPOTPGDQRVQLQSLPLRCVHCAVFOCVORESKPHMRKMLVYNNLEVCECCBECCKE 85

ATTORNEY/AGENT INFORMATION:

RESULT 8
Sequence 11, Application US/09066408
; PATENT NO. 6060448
; GENERAL INFORMATION:
; APPLICANT: Smith, John Arthur
; APPLICANT: Wilkinson, Mark Charles
; APPLICANT: Liu, Qing-Ming
; TITLE OF INVENTION: Casein Fragments Having Growth Promoting
; TITLE OF INVENTION: Activity
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/066,408
; FILING DATE: 13-MAR-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB96/02658
; FILING DATE: 31-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9522302.0
; FILING DATE: 31-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Dow, Karen B.
; REGISTRATION NUMBER: 29 684
; REFERENCE/DOCKET NUMBER: 018317-000100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 11:
; SEQENCE CHARACTERISTICS:
; LENGTH: 223 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: protein
; LOCATION: 1..223
; OTHER INFORMATION: /note= "sheep alpha-s2 casein"
; OTHER INFORMATION: precursor
; US-09-066-408-11

RESULT 9
Query Match 24.6%; Score 61; DB 3; Length 223;
Best Local Similarity 26.7%; Pred. No. 8.5; Mismatches 7;
Matches 12; Conservative 12; Mismatches 19; Indels 2; Gaps 1;
QY 1 NOEDPOTECQCQCORRQEQESPRQQYCQRCKEICE-EEEEE 43
Db 24 SSEEPIINISQEYIYQEKNMATHPRKEKICITISCEEVVRNADEEY 68

RESULT 10
US-09-066-408-7
Sequence 7, Application US/09066408
; PATENT NO. 6060448
; GENERAL INFORMATION:
; APPLICANT: Smith, John Arthur
; APPLICANT: Wilkinson, Mark Charles
; APPLICANT: Liu, Qing-Ming
; TITLE OF INVENTION: Casein Fragments Having Growth Promoting
; TITLE OF INVENTION: Activity
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:

RESULT 11
US-08-960-022-14
; Sequence 14, Application US/08960022

APPLICATION NUMBER: WO PCT/GB96/02658
 FILING DATE: 31-OCT-1995
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: GB 9522302.0
 FILING DATE: 31-OCT-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Dow, Karen B.
 REGISTRATION NUMBER: 29,684
 REFERENCE/DOCKET NUMBER: 018317-000100US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 223 amino acids
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: Protein
 LOCATION: 1..223
 OTHER INFORMATION: /note= "goat alpha-S2 casein
 OTHER INFORMATION: precursor allele A"
 OTHER INFORMATION: precursor allele B
 US-09-066-408-8

Query Match 23.4%; Score 58; DB 3; Length 223;
 Local Similarity 26.7%; Pred. No. 17; Mismatches 20; Indels 2; Gaps 1;
 Feature: PROTEIN
 Sequence 9, Application US/09066408
 Patent No. 6060448
 GENERAL INFORMATION:
 APPLICANT: Smith, John Arthur
 APPLICANT: Wilkinson, Mark Charles
 APPLICANT: Liu, Qing-Ming
 TITLE OF INVENTION: Casein Fragments Having Growth Promoting Activity
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/066,408
 FILING DATE: 13-MAR-1998
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9522302.0
 FILING DATE: 31-OCT-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Dow, Karen B.
 REGISTRATION NUMBER: 29,684
 REFERENCE/DOCKET NUMBER: 018317-000100US

Query Match 23.4%; Score 58; DB 3; Length 223;
 Local Similarity 26.7%; Pred. No. 17; Mismatches 20; Indels 2; Gaps 1;
 Feature: PROTEIN
 Sequence 9, Application US/09066408
 Patent No. 6060448
 GENERAL INFORMATION:
 APPLICANT: Smith, John Arthur
 APPLICANT: Wilkinson, Mark Charles
 APPLICANT: Liu, Qing-Ming
 TITLE OF INVENTION: Casein Fragments Having Growth Promoting Activity
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/066,408
 FILING DATE: 13-MAR-1998
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9522302.0
 FILING DATE: 31-OCT-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Dow, Karen B.
 REGISTRATION NUMBER: 29,684
 REFERENCE/DOCKET NUMBER: 018317-000100US

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 576-0200
 FAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 223 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: protein
 LOCATION: 1..223
 OTHER INFORMATION: /note= "goat alpha-S2 casein
 precursor allele C"
 ; US-09-066-408-9

Query Match 23.4%; Score 58; DB 3; Length 223;
 Best Local Similarity 26.7%; Pred. No. 17; Mismatches 20; Indels 2; Gaps 1;
 Matches 12; Conservative 11; MisMatches 20; Indels 2; Gaps 1;

Qy 1 NQEDQTECOCQCRRQEQSDPROQQYCORRCKEICE--EEEY 43
 Db 24 SSEEPINIFQEIYKEKFNATHPRREKLCITSCEVVVRNAAEY 68

RESULT 13
 US-07-955-905A-24
 ; Sequence 24, Application US/07955-905A
 ; Patent No. 5570433

GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND
 NUMBER OF SEQUENCES: 28

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/109, 391A
 FILING DATE: 19-AUG-1993
 CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
 NAME: Connell, Gary J
 REGISTRATION NUMBER: 32,020
 REFERENCE/DOCKET NUMBER: 2618-13

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 303/863-9700
 FAX: 303/863-0223
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 303 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-109-391A-2

Query Match 23.0%; Score 57; DB 1; Length 303;
 Best Local Similarity 32.0%; Pred. No. 29; Mismatches 14; Indels 8; Gaps 2;
 Matches 16; Conservative 12; MisMatches 14; Indels 8; Gaps 2;

Qy 2 QEDPQTEC---QQCQRRCRQEQSDPROQQYCORRCKEICEEE--EEY 43
 Db 242 QEEEQOERLREYEEQIQEKLQEERERQEQERKERERMEQERIRQEY 291

RESULT 15
 US-08-459-019A-2
 ; Sequence 2, Application US/08459019A
 ; Patent No. 5686080

GENERAL INFORMATION:
 APPLICANT: TRIPP, Cynthia A.
 APPLICANT: TRIPP, Cynthia A.
 APPLICANT: Frank, Glenn R.
 APPLICANT: Grileye, Robert B.
 TITLE OF INVENTION: NOVEL PARASITIC HELMINTH P4 PROTEINS
 NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sheridan Ross & McIntosh
 STREET: 1700 Lincoln Street, #3500
 CITY: Denver
 STATE: CO
 COUNTRY: U.S.A.
 ZIP: 80203

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/459, 019A
 FILING DATE: 06-JUN-1995

RESULT 14
 US-08-109-391A-2
 ; Sequence 2, Application US/08109391A
 ; Patent No. 5639876

CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Connell, Gary J.
REGISTRATION NUMBER: 33-020
REFERENCE/DOCKET NUMBER: 2618-13-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 303 amino acids
TYPE: amino acid
TOPOLogy: linear
MOLECULE TYPE: protein
US-08-459-019A-2

Query Match 23.0%; Score 57; DB 1; Length 303;
Best Local Similarity 32.0%; Pred. No. 29;
Matches 16; Conservative 12; Mismatches 14; Indels 8; Gaps 2;
OY 2 QEDPQTEC---QQCQRCRCQDPRQQVCQRRKKEEE---EY 43
Db 1| : | : | : | : | : | : | : | : | : | : | : | : | : | : | : |
242 QEEEEQERLREYEEQIQERLREERERQEQRRQERMEQRRQERQEQRRQ 291

Search completed: March 1, 2001, 15:49:45
Job time: 390 sec

